

## **ABSTRACT**

### **METHOD FOR ASSISTING THE NAVIGATION OF AN AIRCRAFT AND CORRESPONDING DEVICE**

The invention relates to a method of automatic navigation assistance for an aircraft. A capture zone being a zone in which the aircraft can capture a predetermined vertical profile segment by applying a transition between the guidance submode which the aircraft is in and the guidance submode adapted to the following of the vertical profile segment to be captured, it comprises the step consisting in determining the width of the capture zone as a function of the height  $h$  of the vertical profile to be captured and of the speed  $v$  which the aircraft has when plumb with this height when the aircraft is not on the profile or at this height when the aircraft is on the profile.

Figure 3